

# METHOD AND STRUCTURE FOR FORMING PRECISION MIM FUSIBLE CIRCUIT ELEMENTS USING FUSES AND ANTIFUSES

## Abstract

The present invention describes an apparatus and method for fabrication of a precision circuit elements. In particular, the circuit elements are fabricated as part of an integrated circuit assembly. The processing of the circuit elements is such to provide a nominal circuit element value close in value to the desired value. Additional trim circuit elements are joined to the nominal circuit element through links. The links are fusible links or antifuses. By selectively blowing the fusible links or fusing the antifuses, trim circuit elements are added or subtracted to personalize the value of the nominal circuit element. A capacitor is used in an illustrative example.